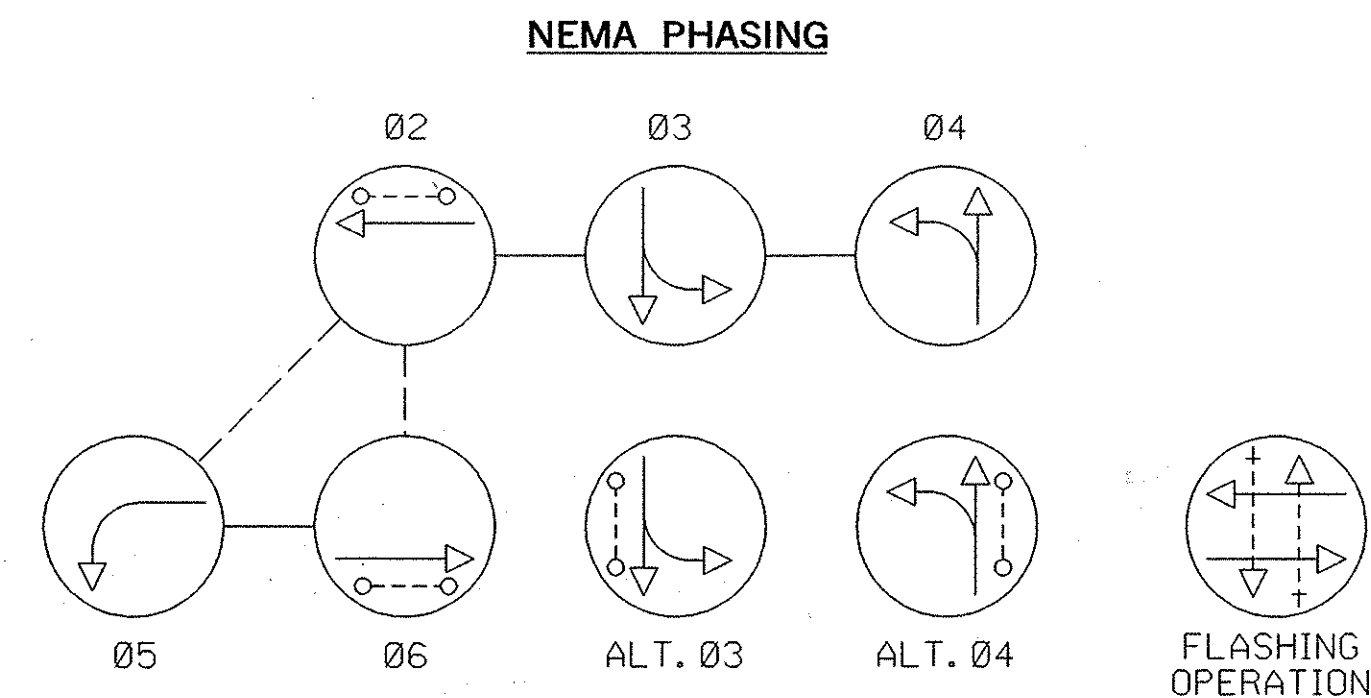
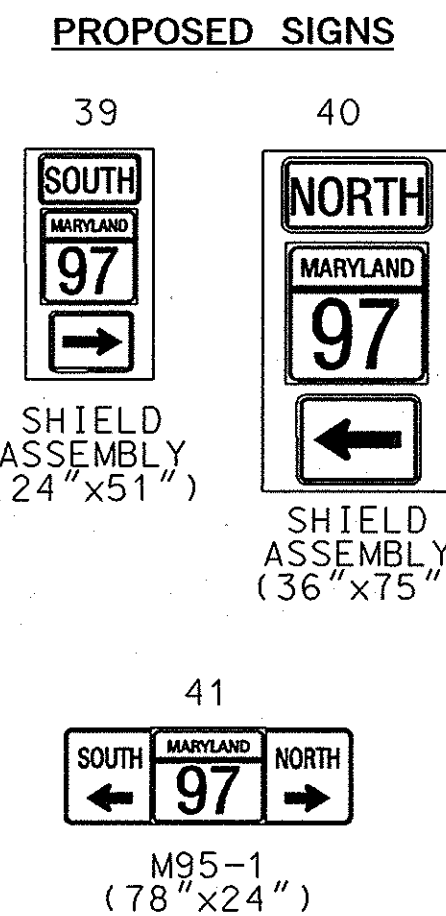
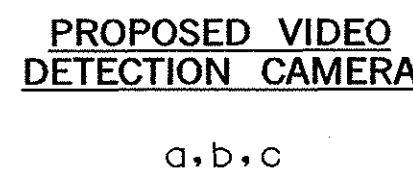
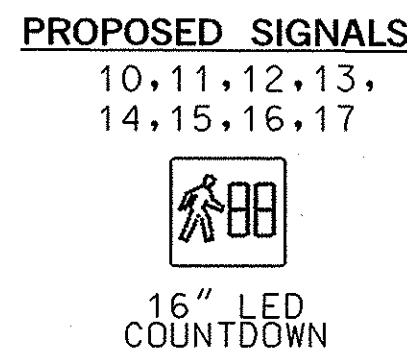
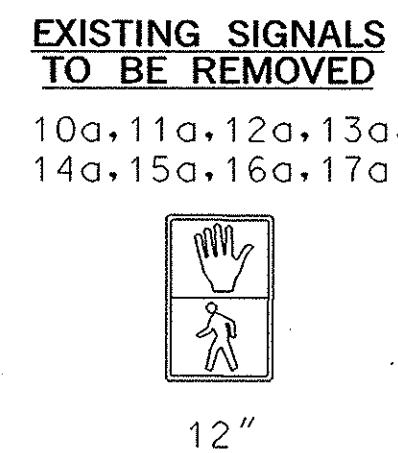
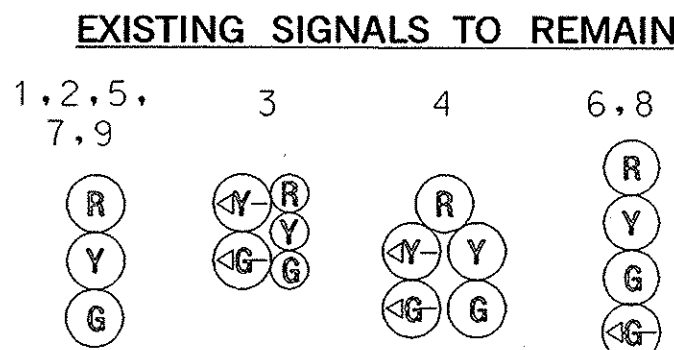
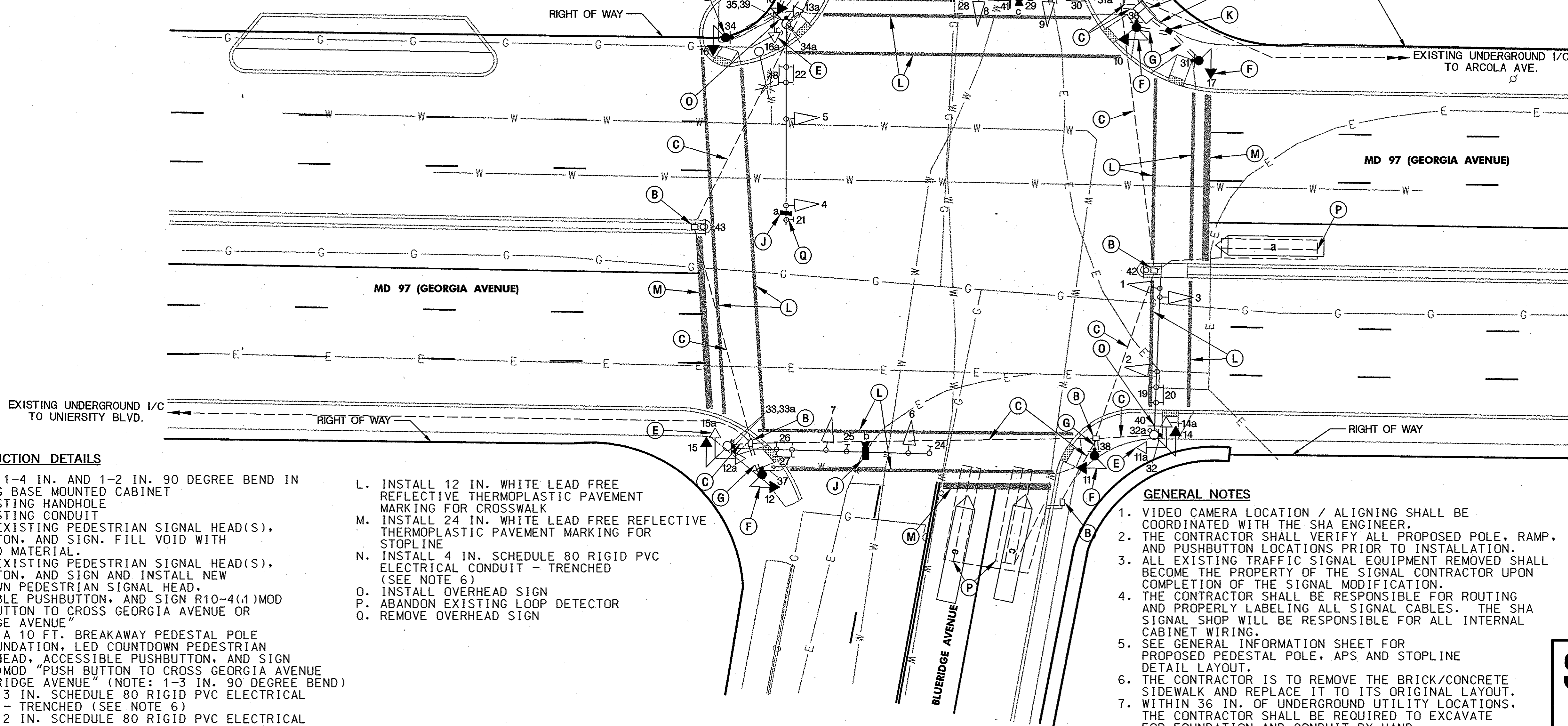
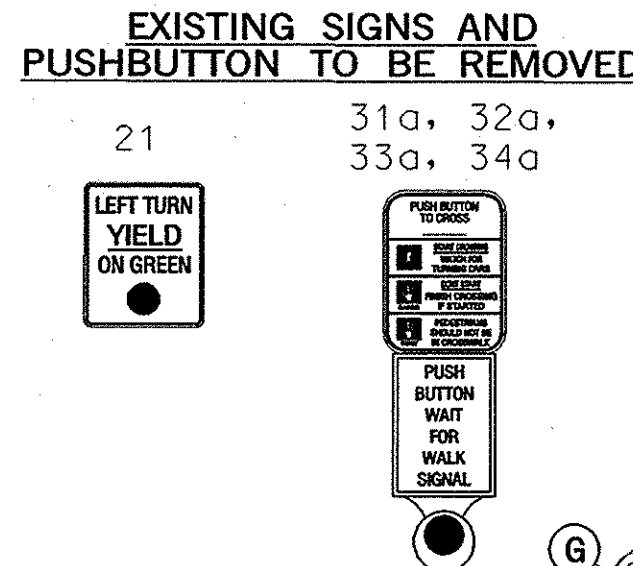
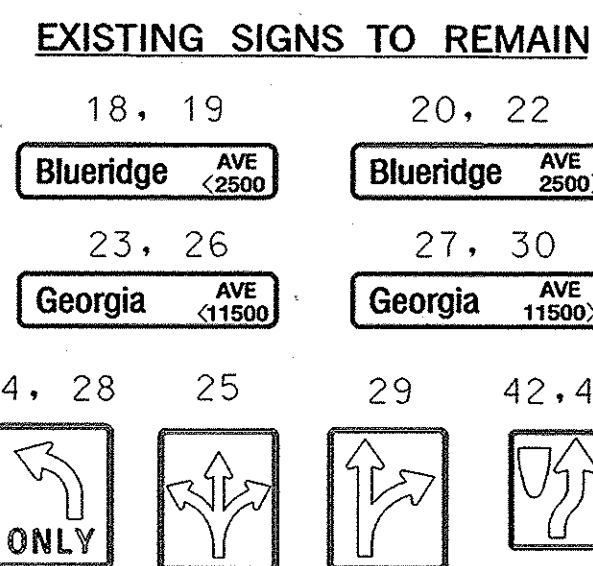
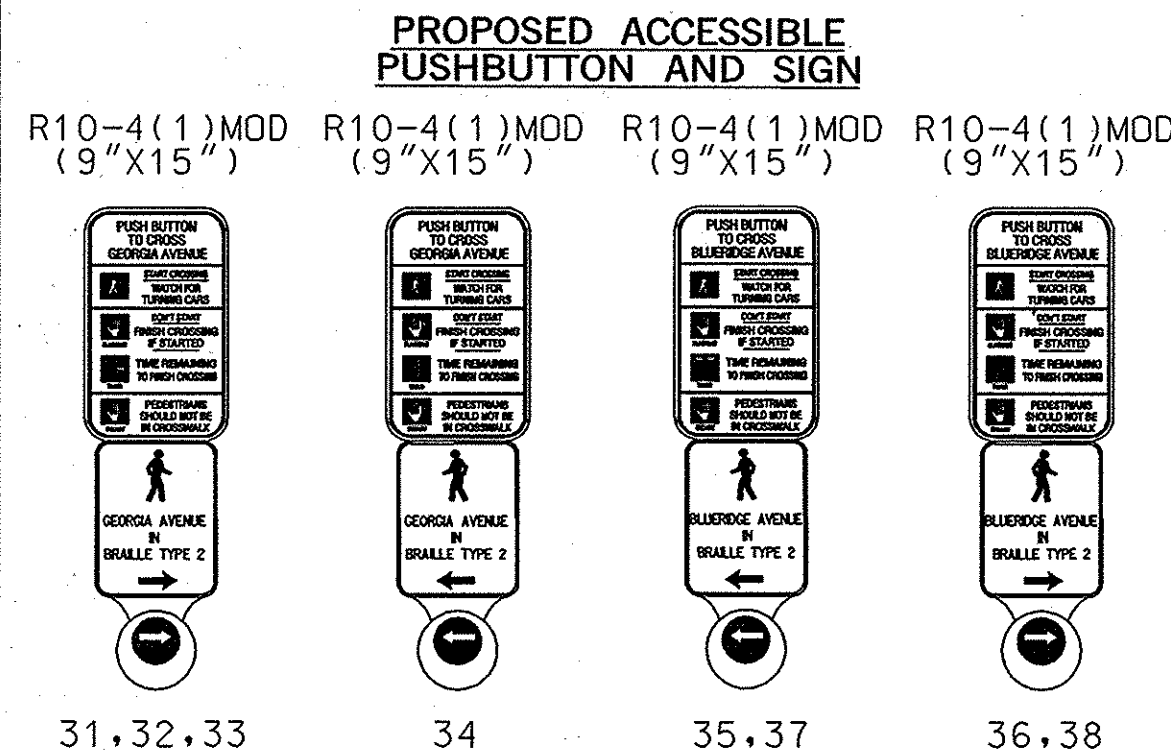


NOTE: MD 97 IS ASSUMED TO RUN IN THE NORTH-SOUTH DIRECTION



NOTE: PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS

- INSTALL 1-4 IN. AND 1-2 IN. 90 DEGREE BEND IN EXISTING BASE MOUNTED CABINET
- USE EXISTING HANDHOLE
- USE EXISTING CONDUIT
- REMOVE EXISTING PEDESTRIAN SIGNAL HEAD(S), PUSHBUTTON, AND SIGN. FILL VOID WITH APPROVED MATERIAL.
- REMOVE EXISTING PEDESTRIAN SIGNAL HEAD(S), PUSHBUTTON, AND SIGN AND INSTALL NEW COUNTDOWN PEDESTRIAN SIGNAL HEAD, ACCESSIBLE PUSHBUTTON, AND SIGN R10-4(1)MOD "PUSH BUTTON TO CROSS GEORGIA AVENUE OR BLUERIDGE AVENUE"
- INSTALL A 10 FT. BREAKAWAY PEDESTAL POLE WITH FOUNDATION, LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, ACCESSIBLE PUSHBUTTON, AND SIGN R10-4(1)MOD "PUSH BUTTON TO CROSS GEORGIA AVENUE OR BLUERIDGE AVENUE" (NOTE: 1-3 IN. 90 DEGREE BEND)
- INSTALL 3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - TRENCHED (SEE NOTE 6)
- INSTALL 2 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - TRENCHED, FOR PROPOSED TELEPHONE SERVICE. THE CONTRACTOR SHALL CAP, MARK AND LEAVE A 1 FT. STUB WITH PULL STRING AT BASE OF UTILITY POLE FOR USE BY OTHERS. (SEE NOTE 6)
- INSTALL VIDEO DETECTION CAMERA ON EXISTING MAST ARM
- INSTALL ELECTRICAL HANDHOLE

- INSTALL 12 IN. WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING FOR CROSSWALK
- INSTALL 24 IN. WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING FOR STOPLINE
- INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - TRENCHED (SEE NOTE 6)
- INSTALL OVERHEAD SIGN
- ABANDON EXISTING LOOP DETECTOR
- REMOVE OVERHEAD SIGN

GENERAL NOTES

- VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
- THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE, RAMP, AND PUSHBUTTON LOCATIONS PRIOR TO INSTALLATION.
- ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL MODIFICATION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ROUTING AND PROPERLY LABELING ALL SIGNAL CABLES. THE SHA SIGNAL SHOP WILL BE RESPONSIBLE FOR ALL INTERNAL CABINET WIRING.
- SEE GENERAL INFORMATION SHEET FOR PROPOSED PEDESTAL POLE, APS AND STOPLINE DETAIL LAYOUT.
- THE CONTRACTOR IS TO REMOVE THE BRICK/CONCRETE SIDEWALK AND REPLACE IT TO ITS ORIGINAL LAYOUT.
- WITHIN 36 IN. OF UNDERGROUND UTILITY LOCATIONS, THE CONTRACTOR SHALL BE REQUIRED TO EXCAVATE FOR FOUNDATION AND CONDUIT BY HAND.

GENERAL NOTES CONTINUED

- THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
- ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
- MAINTENANCE OF TRAFFIC SHALL BE HANDLED BY THE CONTRACTOR UTILIZING THE MSHA STANDARD PLATES FOR TRAFFIC CONTROL.
- THE CONTRACTOR SHALL CENTER THE PROPOSED CROSSWALKS WITH THE PROPOSED RAMPS.
- ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE TO THE MSHA STANDARDS.
- ALL ACCESSIBLE PEDESTRIAN EQUIPMENT SHALL BE DELIVERED TO THE MONTGOMERY COUNTY SIGNAL SHOP PRIOR TO INSTALLATION FOR TESTING AND PROGRAMMING. CONTACT MR. KEITH LORD AT 301-279-1291 TO COORDINATE.
- CONTRACTOR MUST COORDINATE THE PROPOSED APS PEDESTAL POLE LOCATIONS WITH THE CONSTRUCTION OF THE PROPOSED SIDEWALK RAMPS. REFER TO DETAIL SHEETS IN THE IFB FOR PROPOSED RAMP STANDARDS, STATIONS, AND OFFSETS.
- LOCATION OF ACCESSIBLE PEDESTRIAN SIGNAL PUSHBUTTONS MUST MEET LOCATION REQUIREMENTS OF MUTCD SEC. 4E.09 AND FIG. 4E.2; AND THE NCHRP PUBLICATION, "ACCESSIBLE PEDESTRIAN SIGNALS: GUIDE TO BEST PRACTICE." IF NOT MET, THE CONTRACTOR IS TO STOP WORK ON PUSHBUTTON LOCATIONS UNTIL A DESIGN WAIVER IS OBTAINED, APPROVED BY THE DIRECTOR, OFFICE OF TRAFFIC AND SAFETY.



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 97 (GEORGIA AVENUE) AND BLUERIDGE AVENUE

TRAFFIC SIGNALIZATION PLAN

SCALE 1"=20' DATE CONTRACT NO. M0619ASE

DESIGNED BY COUNTY MONTGOMERY
DRAWN BY LOGMILE 15009703.27
CHECKED BY T.I.M.S. NO. H326
F.A.P. NO. T-8004 (2) TOD NO.

DRAWING NO. TS-210C OF SHEET NO. OF

APPROVALS	REVISIONS
TEAM LEADER	
ASST. DIV. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

© ADD APS AND COUNTDOWN PED. 12/2006
SIGNALS, AND VIDEO FOR
S/B LT TURN SHA# M0565177
STV MCD VME 12/16
B INSTALL 55 MD 97 6/15/02
E/P PHASING SHA NO. X1065285

PLOTTED: THURSDAY, DECEMBER 14, 2006 AT 10:52 AM
FILE: I:\PROJECTS\0312513\0312513.001\DRAWINGS\TRAFFIC\BLUERIDGE AVE\PSG-P000.BLUERIDGE.DGN

STV Incorporated
engineers/architects/planners/construction managers
7125 Ambassador Road Baltimore, MD 21244-2722 (410) 944-9112

UTILITY LEGEND			
—E—E—	ELECTRIC CABLES	—SD—SD—	STORM DRAIN
—A—A—	AERIAL CABLES	—G—G—	GAS MAIN
—T—T—	TELEPHONE CABLES	—W—W—	WATER MAIN
—F—F—	FIBER-OPTIC	—S—S—	SEWER MAIN